

Guignardia citricarpa - Pathogenic

CITRUS 2-3

SSU

TTTCCGTAGGTGAACCTGCGGAAGGATCATTACTGAAATACGTAATCCTGAAAGG
 TGATGGAAGGGAGGCCTTAAAAAAGCCGCCGACCTACCTCACACCCTGTGT
 ATCTACCATGTTGCTTGGCGGGCCGACCCGGTTTGACCCGGCGGTGGCG
 CCCCCAGCCTAGTCTCTAGGCCAGGACGCCTGGCTAAGTGCCGCCAGTATACA
 AAACCTCCAGCGATTATTCTGTGTAGTCCTGAGAATTCAATTAAATGAAATAAAACTTT
 CAACAACGGATCTCTGGTCTGGCATCGATGAAGAACGCAGCGAAATGCGATA
 AGTAATGTGAATTGCAAGATTCACTGAATCATCGAATCTTGAAACGCACATTGCGC
 CCCCTGGCATTCCCCGGGGCATGCCTGTTGAGCGTCATTCAACCCCTCAAGCT
 CTGCTTGGTATTGGCGACGTCCGCTGCCGGACGCGCCTGGAAGACCTCGGCG
 ACGGCGTCTCAGCCTCGAGCGTAGTAGTAAAATATCTCGCTTGGAGGGAGGGGG
 GCGCTGGCCGCCGGACAATCGACCTCGGTCACTATTTTCCAAGGTTGACCTC
 GGATCAGGTAGGGATAACCGCTGAACCTTAAGCATATCAATAAG

ITS1

5.8S

ITS2

LSU

Figure 1

2/2

Guignardia citricarpa - Non-pathogenic

CITRUS 1-4

SSU

TTCCGTAGGTGAACCTGCGGAAGGATCATTACTGAAATGTAATAACTTCTATTGAA
AGGTTCCAGAGTAGGGCGCTACAACGCCAATGACCTCTCACCCCTGTGTACTC ITS1
ACTATGTTGCTTGGCGGGTCGACCTGGTCCGACCCAGGCAGGCCGGCGCCCC
CAGCCTTAACTGGCCAGGACGCCGGCTAAGTGCCCAGTATAACAAACTCA
AGAATTCACTTGTGAAGTCCTGATATATCATTTAATTGATTAAAACCTTCAACAAAC
GGATCTCTGGTTCTGGCATCGATGAAGAACGCGAGCGAAATGCGATAAGTAATGT 5.8S
GAATTGCAGAATTCACTGAGTGAATCATCGAATCTTGAACGCACATTGCGCCCTCTGG
TATTCCGGAGGGCATGCCTGTTGAGCGTCATTCAACCCCTCAAGCTCTGCTTGG ITS2
TATTGGGCAACGTCCGCTGCCGGACGTGCGCTTGAAGAACCTGGCGACGGCGTC
CTAGCCTCGAGCGTAGTAGTAAATATCTCGCTTGGAGTGCTGGCGACGGCC
GCCGGACAATCGACCTCGGTCTATTCCAAGGTGACCTCGGATCAGGTAGG
GATAACCCGCTGAACCTT

Figure 2